

**Sierra Nevada Conservancy Grant Program
Safe Drinking Water, Water Quality and Supply, Flood Control,
River and Coastal Protection Act of 2006 (Proposition 84)**

Subregion: NORTH **County:** MODOC

Applicant: CENTRAL MODOC RESOURCE CONSERVATION DISTRICT

Project Title: WATERSHED RESTORATION PROJECTS, PLANNING AND DEVELOPMENT

Reference Number: SNC 070302

PROJECT SCOPE

This planning project will develop design solutions for restoration of four sites related to the Pit River in Modoc County. The combined extent of the four sites is about 6 miles of total stream and river repair and 1,600 acres of watershed rehabilitation. Project sites and proposed activities include:

1. Flournoy Project: Rehydrate two meadows (640 acres) that have been altered due to channelization.
2. Pedotti Project: Remediate 9 miles of canals on a three-mile section of Canyon Creek affecting over 900 acres of former wet meadow habitat.
3. Hagge Project: Remediate 2.25 miles of the Pit River that has been subjected to channelization.
4. Krauel Project: Repair and revegetate a 3,500-foot section of the main stem Pit River and restore 56 acres of riparian habitat.

Project activities related to all sites include:

- Establishment of a project technical committee for each site that includes landowners, RCD staff, interested regulatory agency representatives, relevant contractors, and funding representatives;
- Project design, including noxious weed management;
- Fish survey and assessment;
- Other surveys necessary to complete environmental documentation and permitting in preparation for future implementation;
- Ongoing watershed education and outreach activities by Central Modoc RCD, the River Center, and the Pit River Watershed Alliance, including at least two field tours, based on lessons learned.

PROJECT SCHEDULE

DETAILED PROJECT DELIVERABLES	TIMELINE
Establish technical committees	May-June 2008
Conduct all resource surveys/assessments	May 2008 – Sep. 2009
Conduct fish survey/assessment	May 2008 – Dec. 2009
Develop design alternatives	Oct. 2008 – Sept. 2009
Conduct CEQA/NEPA process	Sep.2009 – March 2010
Acquire all necessary permits	Nov. 2009 – March 2010
Conduct 2 field tours of each site	Throughout project
Final Report/Final Payment Request	April 1, 2010

PROJECT COSTS

PROJECT BUDGET CATEGORIES	TOTAL SNC FUNDING
Grant and contract administration	18,699
Project coordination and document development	18,198
Materials & supplies	5,000
Equipment (water quality monitoring)	5,600
Project costs (includes mileage, permit fees, publishing & advertising, audit)	27,000
Contract services (GIS mapping, hydrologist consultation, botanical & cultural assessments)	58,000
River Center Outreach contract	10,000
GRAND TOTAL	\$ 142,497

Letters of Support:

- None

Recommendation:

Staff recommends funding at the requested amount of \$142,497.

Project Summary

Provide a summary (one-page maximum) that describes key elements of the project and states the total project cost.

Please type here: (SNC 070302 Central Modoc Watershed Restoration Projects)
The Central Modoc Resource Conservation District (CMRCD) proposes to provide design solutions for a series of stream management problems in the upper Pit River watershed. These private land sites have gone untreated so far in part because of site characteristics that, although not uncommon in the watershed, are not well suited to standard treatments.

Under this proposal, design concepts, design details, resource surveys, CEQA compliance, permitting and implementation plans for this set of projects will be completed. Stakeholder and agency coordination to provide for designs that meet the multiple goals of the various stakeholders will also be supported under this proposal.

Each site is currently subject to approved cooperative agreements with CMRCD. Management goals for the four sites are outlined below:

Flournoy Project: Rehydrate two meadows (640 ac.) that have been altered due to channelization.

Pedotti Project: Remediate approx. 9 miles of canals that have replaced the original channel of 3 miles of Canyon Creek, affecting over 900 acres of former wet meadow habitats. Provide renewed flood plain access.

The Hagge Project: Remediate 2.25 mi. of the Pit River that has been subject to severe channelization. Goals also include preliminary study of possible strategies for eventual channel redesign for this nearly 10 mile reach of the Pit River.

The Krauel project will seek repair and revegetation of a 3500 ft. section of eroding river bank on the main stem Pit River and resoration/enhancement of a section of historic river channel on the historic flood plain elevation that was isolated during channel downcutting episodes. This project site covers approximately 56 riparian and agricultural acres. Involvement of Ducks Unlimited and WCB is expected for this project site.

All of the sites to be addressed feature problems that are recognized in the existing Pit River Watershed Assessment as contributing to water quality problems in the watershed. All sites will feature the following common elements: 1. Establishment of a project technical committee. 2. Noxious weed management. 3. Comprehensive documentation and monitoring. 4. Use of the projects' lessons in ongoing watershed planning and outreach activities by CMRCD, the River Center, and the Pit River Watershed Alliance.